

29:030 Physics IV

Spring Semester 2008

Instructor: Markus Wohlgenannt
Office Hours: 1:30 - 3:00 MF 412 VAN

Course Policy

1. The course consists of lectures on MWF at 12:30 p.m. in Room 70 Van Allen Hall and a laboratory taught by a TA.
2. The book for the course is *Concepts of Modern Physics*, Sixth Edition, by Arthur Beiser. Most of the material in this book will be covered during the semester.
3. The laboratory TA will assign your grade for the laboratory portion of the course. The schedule of experiments for the lab is listed below. Note that the lab will not meet during the first week of classes.
4. Changes in course registration will be made by office personnel in Room 203 VAN between the hours of 8-12 and 1-5 Mon-Fri.
5. Homework problems will be handed out every Mo in class and collected on the following Mo in class. Solutions will be sent out by email.
6. If you are having difficulty with the concepts or the homework problems you should see me during my office hours. I will be available at other times if you cannot come during my office hours; you should feel free to stop by my office whenever I am there.
7. I need to hear from anyone who has a disability which may require some modification of seating, testing or other class requirements so that appropriate arrangements may be made. Please see me after class or during my office hours.
8. Since this course is given by the College of Liberal Arts and Sciences, class policies on matters such as requirements, grading, and sanctions for academic dishonesty are governed by the College of Liberal Arts and Sciences. Students wishing to add or drop this course after the official deadline must receive the approval of the Dean of the College of Liberal Arts and Sciences. Details of the University policy of cross enrollments may be found at:
<http://www.uiowa.edu/~provost/deos/crossenroll.doc>
9. If you have concerns about the policies of the course or the grading of the homework and exams you should see me first. You can go to the Associate Chair of the Department, Professor Kletzing, if my response is not satisfactory. If you still have concerns you should then go to the Associate Dean for Academic Programs.
10. There will be two in-class "midterm" exams and a final exam during finals week. The dates of these exams are:

Test I	Friday 22 February
Test II	Friday 25 April
Final Exam	TBD

11. Your final grade will be based on the tests, the homework problems, and the laboratory. The weight for each of these is:

Two Tests 30%
Homework 20%
Laboratory 20%
Final 30%

12. The plus and minus grading system will be used. All tests and homeworks will be graded with the following grade distribution in mind: >97% A+, >93% A, >90% A-, >87% B+, >83% B, >80% B-,, <60% F.

Lab schedule:

Spr 2008	
Week of:	29:030 Wohlgenannt
Jan 28	Speed of Light, S1
Feb 4	Photoelectric Effect, Q1
Feb 11	Electron Diffraction, Q4
Feb 18	Quantum Interference
Feb 25	None
Mar 4	Hydrogen Spectral Lines, Q3
Mar 11	Probability and Statistics, Q5
Mar 18	Spring Break
Mar 25	Geiger Counter, Q6
Apr 1	Planck's constant, Semiconductors, Q2

Apr 8	Q7/Q8/Q9
Apr 15	Q7/Q8/Q9
Apr 22	Q7/Q8/Q9
Apr 29	None